

FIG.1

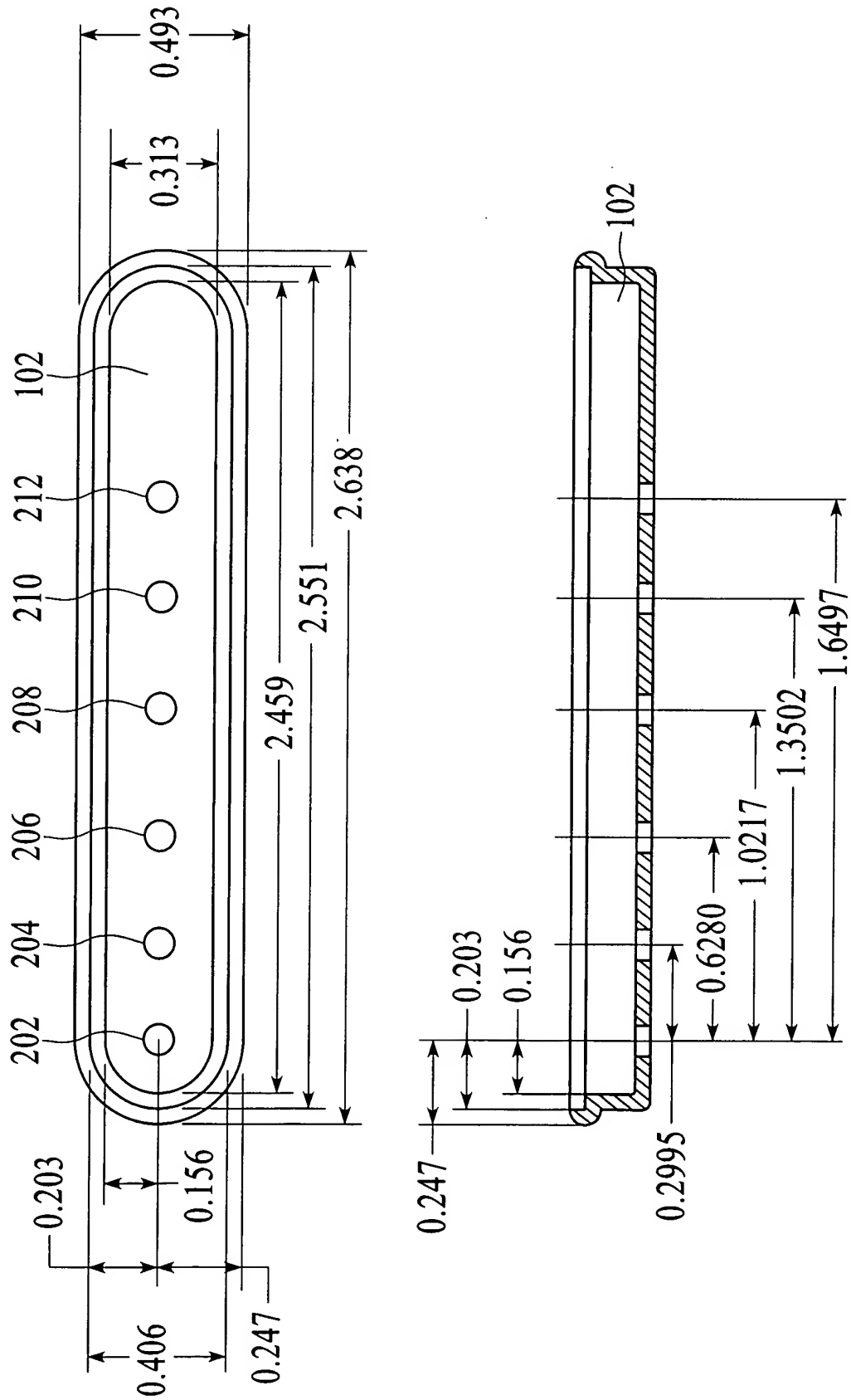
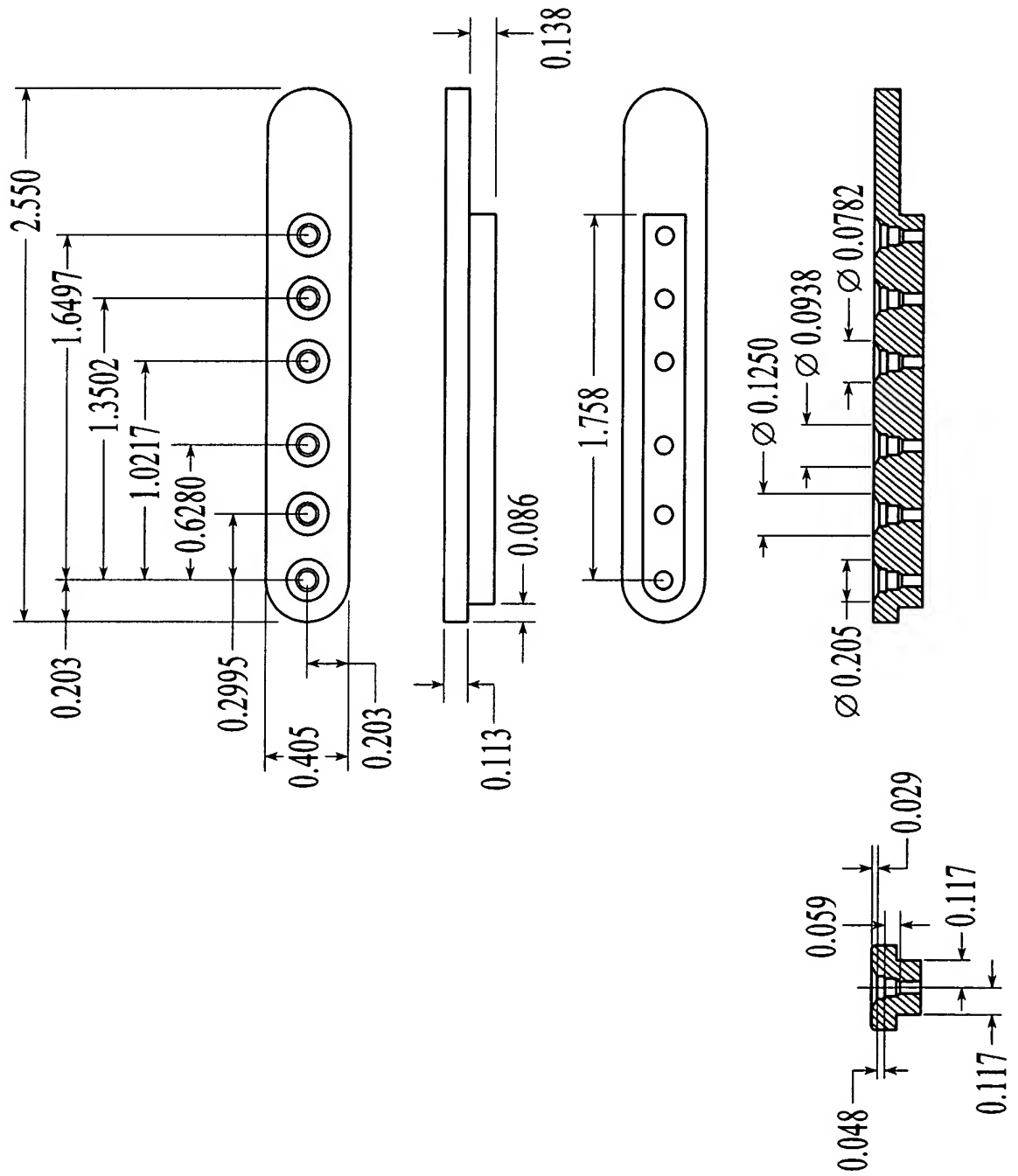
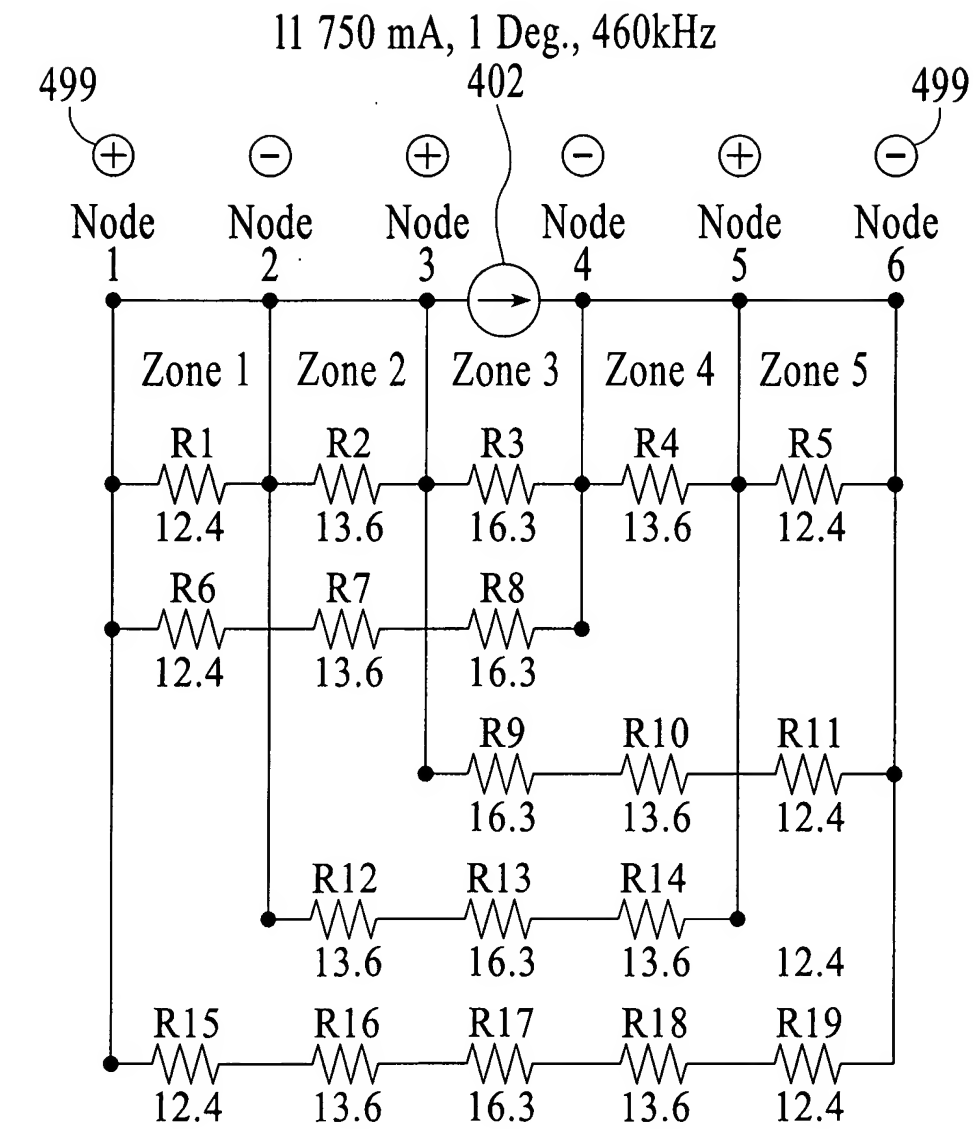


FIG.2

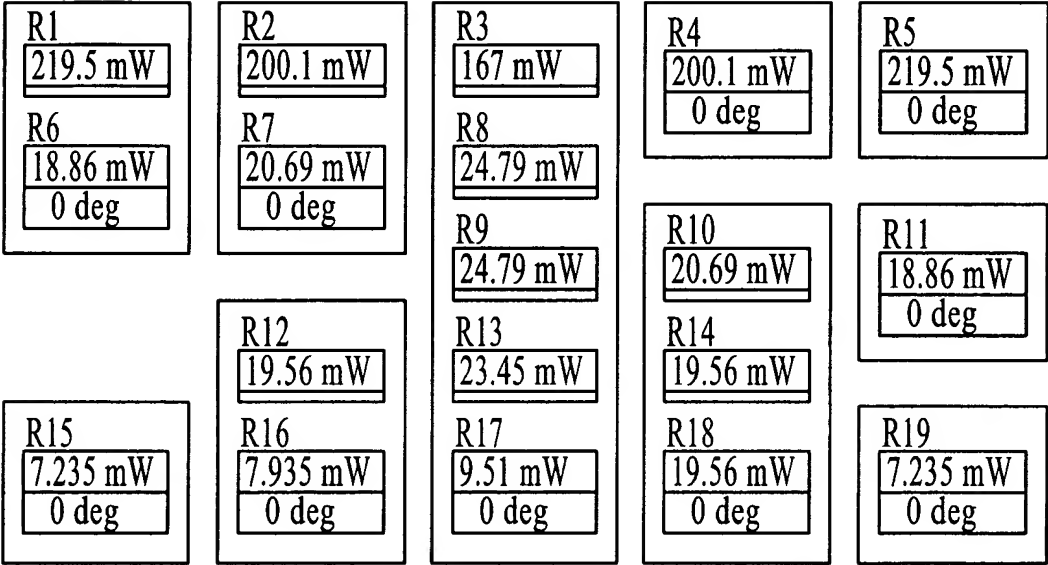
FIG.3





400 →

FIG.4A

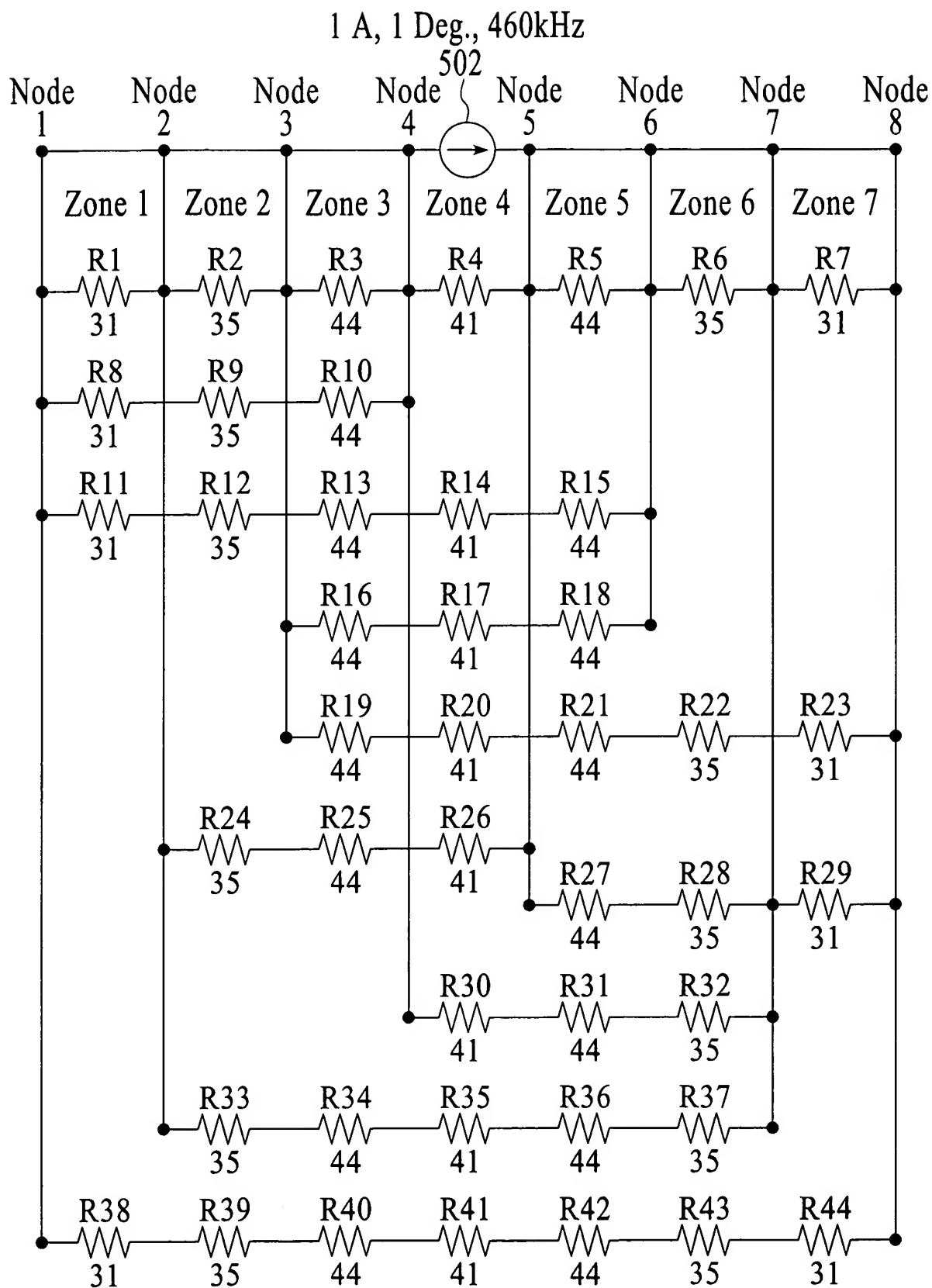


450

FIG.4B

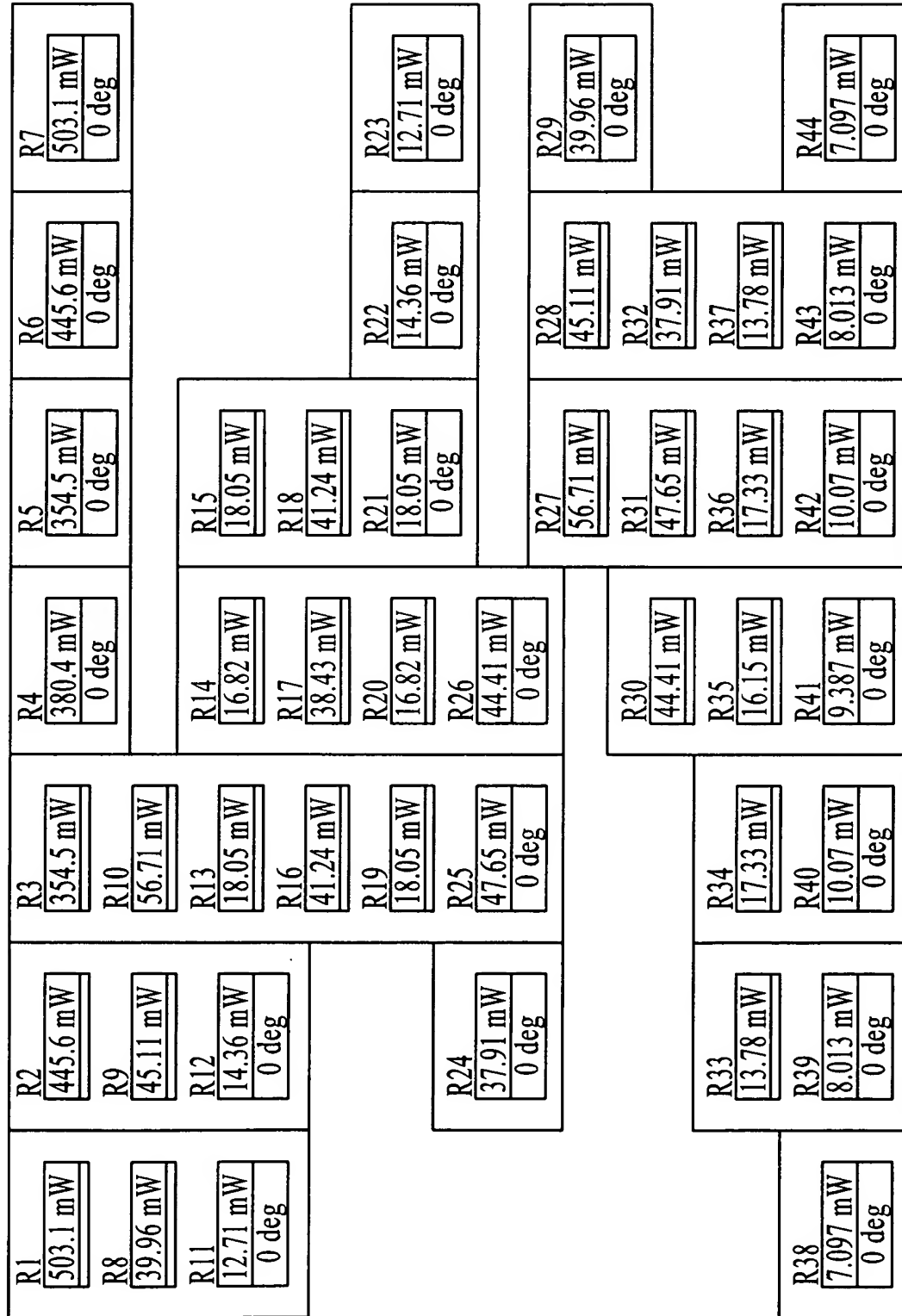
480	Values with Balanced Circuit					
		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
		219.5	200.1	167	200.1	219.5
		18.86	20.69	24.79	20.69	18.86
		7.235	19.56	24.79	19.56	7.235
			7.935	23.45	7.935	
				9.51		
482	Total Power per Zone	245.595	248.285	249.54	248.285	245.595
	% Error per Zone	0	-1.095299	-1.606303	-1.095299	0
	"Spacing" Value per Zone	12.4	13.6	16.3	13.6	12.4
484	"Spacing" Ratio per Zone	1.00	1.097	1.315	1.097	1.00
486	"Spacing" Ratio per Zone	0.760736	0.834356	1	0.834356	0.760736
						4.190184

FIG.4C



500

FIG.5A



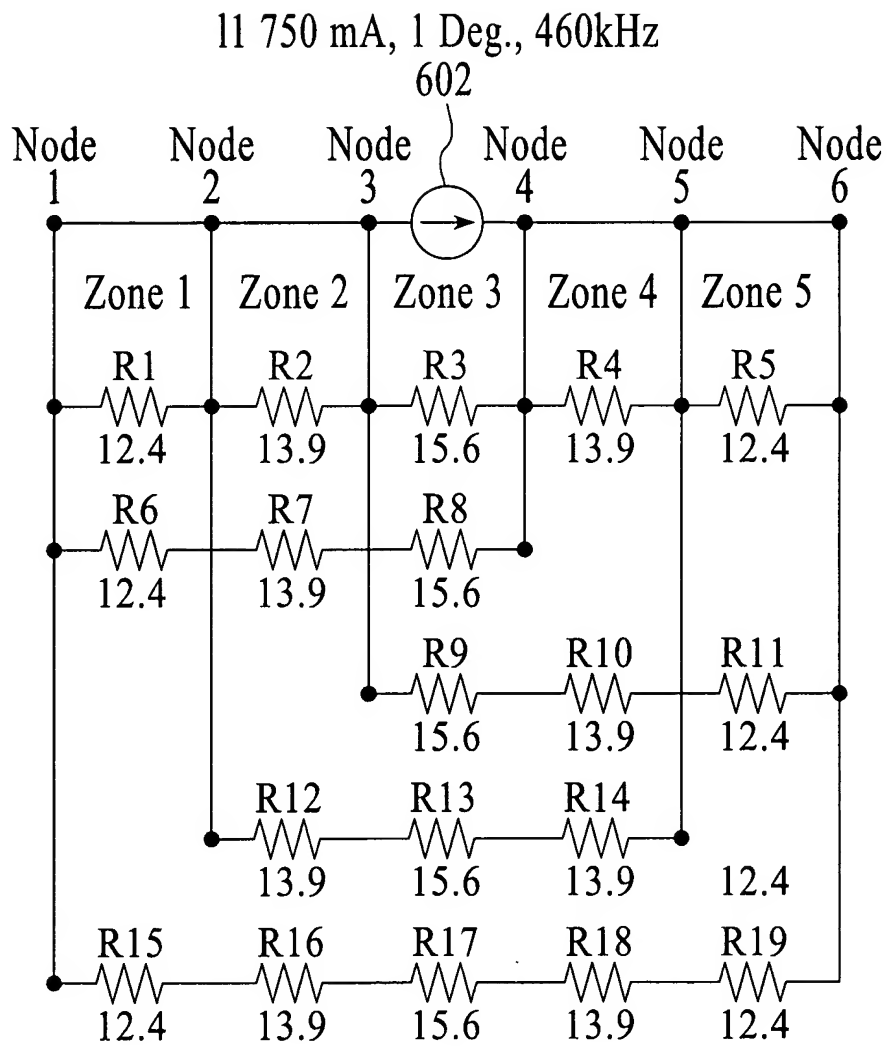
550



## 580 ~ Values with Balanced Circuit

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7
	503.1	445.6	354.5	380.4	354.5	445.6	503.1
	39.96	45.11	56.71	16.82	18.05	14.36	12.71
	12.71	14.36	18.05	38.43	41.24	45.11	39.96
	7.097	37.91	41.24	16.82	18.05	37.91	7.097
		13.78	18.05	44.41	56.71	13.78	
		8.013	47.65	44.41	47.65	8.013	
			17.33	16.15	17.33		
			10.07	9.387	10.07		
582 ~ Total Power per Zone	562.87	564.77	563.60	566.83	563.60	564.77	562.87
% Error per Zone	0.00	0.34	0.13	0.70	0.13	0.34	0.00
"Spacing" Value per Zone	31	35	44	41	44	35	31
584 ~ "Spacing" Ratio per Zone	1.000	1.129	1.419	1.323	1.419	1.129	1.000
586 ~ "Spacing" Ratio per Zone	0.704545	0.795455	1	0.931818	1	0.795455	0.704545

FIG.5C



600 →

FIG.6A

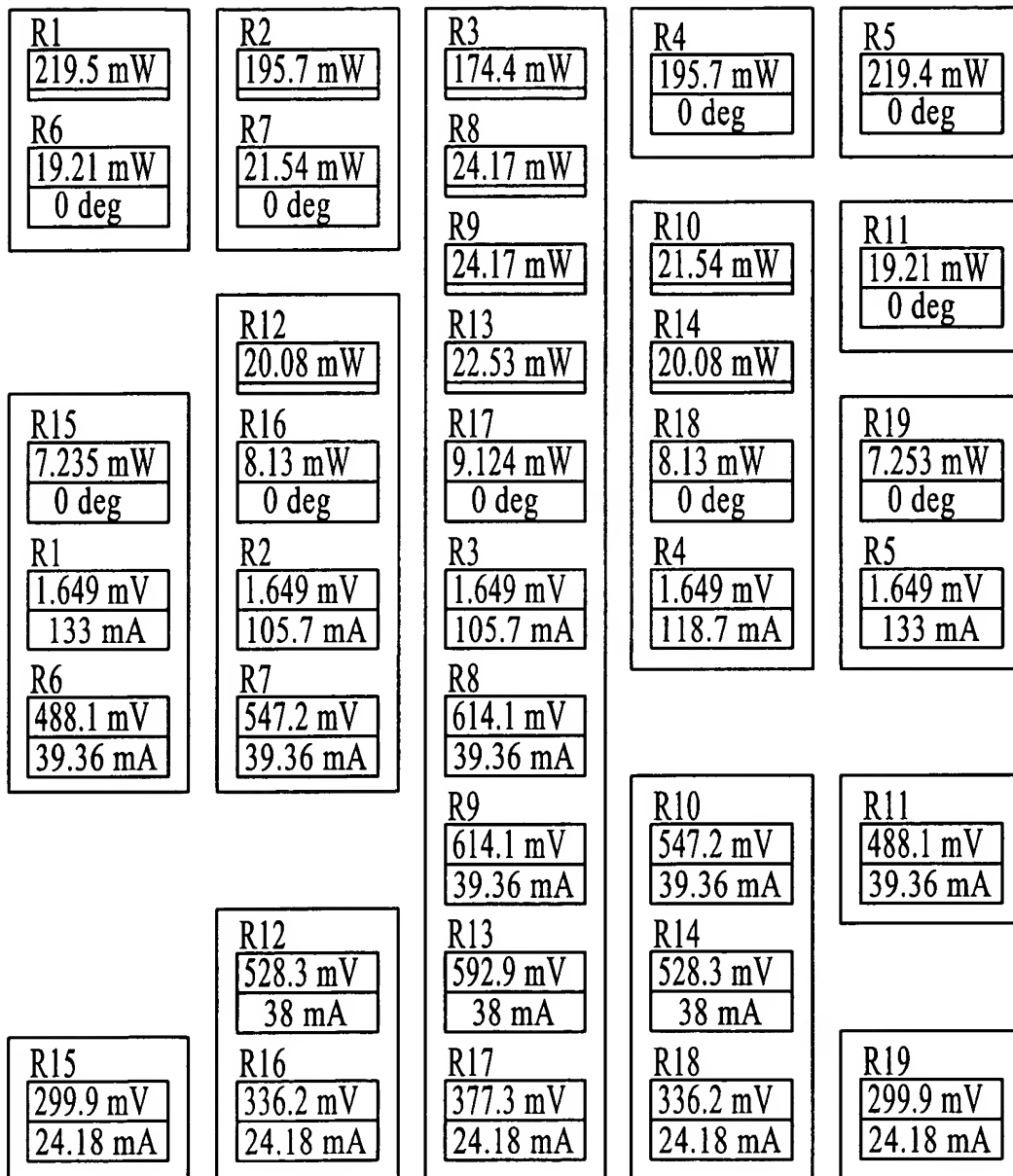


FIG.6B

680 ~ Values with Balanced Circuit					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
	133	118.7	105.7	118.7	133
	39.36	39.36	39.36	39.36	39.36
	24.18	38	39.36	38	24.18
		24.18	38	24.18	
			24.18		
<hr/>					
Total Current per Zone	196.54	220.24	246.6	220.24	196.54
"Spacing" Value per Zone	12.4	13.9	15.6	13.9	12.4
<hr/>					
682 ~ Current Density per Zone	15.85	15.8446	15.80769	15.8446	15.85
<hr/>					
% Error	0.0	0.0	0.3	0.0	0.0
<hr/>					
684 ~ "Spacing" Ratio per Zone	1.00	1.12	1.26	1.12	1.00
<hr/>					
686 ~ "Spacing" Ratio per Zone	0.79	0.89	1.00	0.89	0.79

FIG.6C

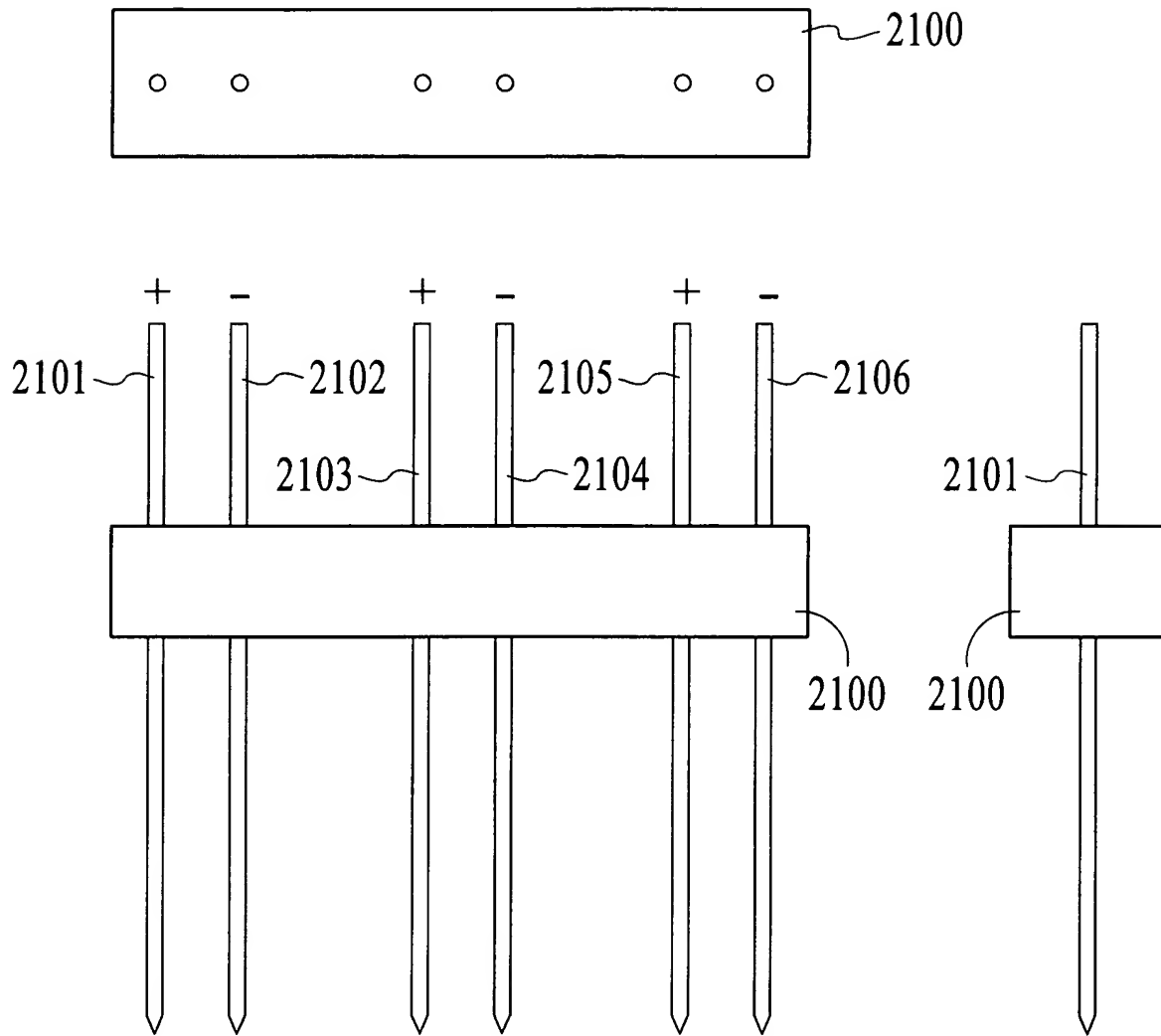


FIG.7

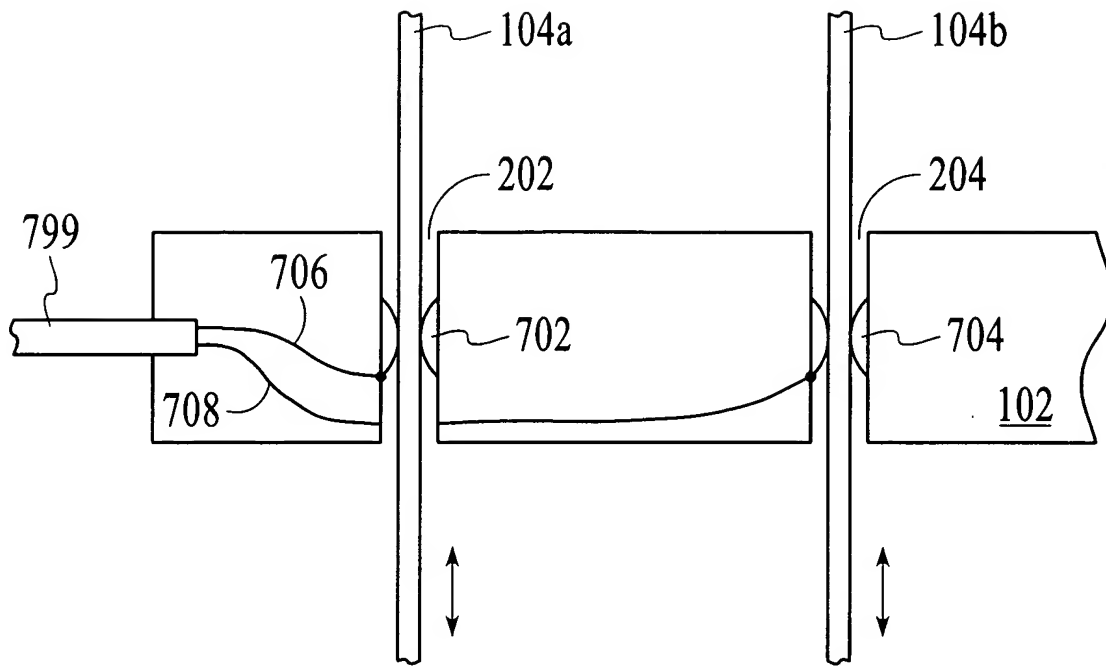


FIG.8

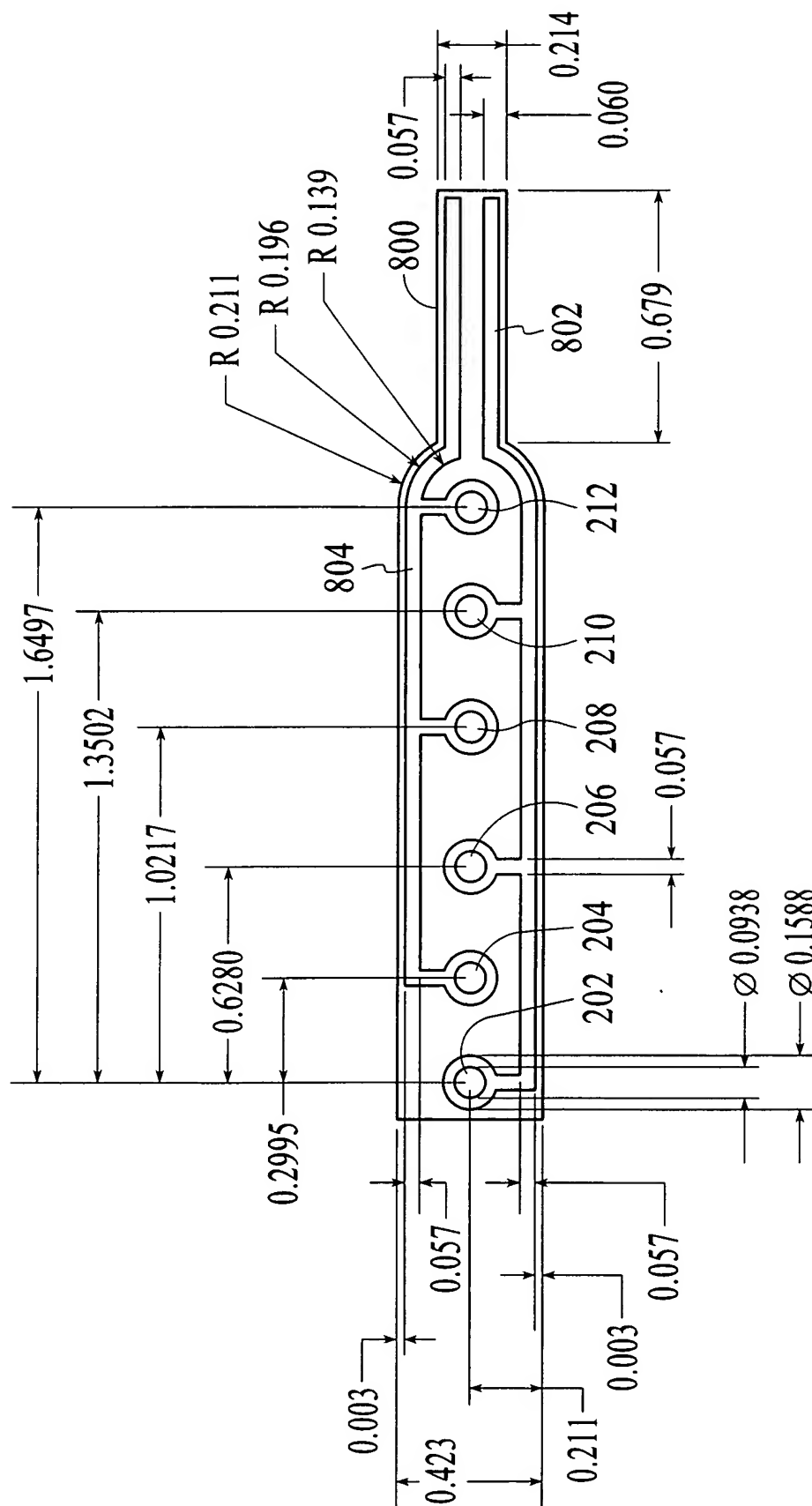


FIG. 9

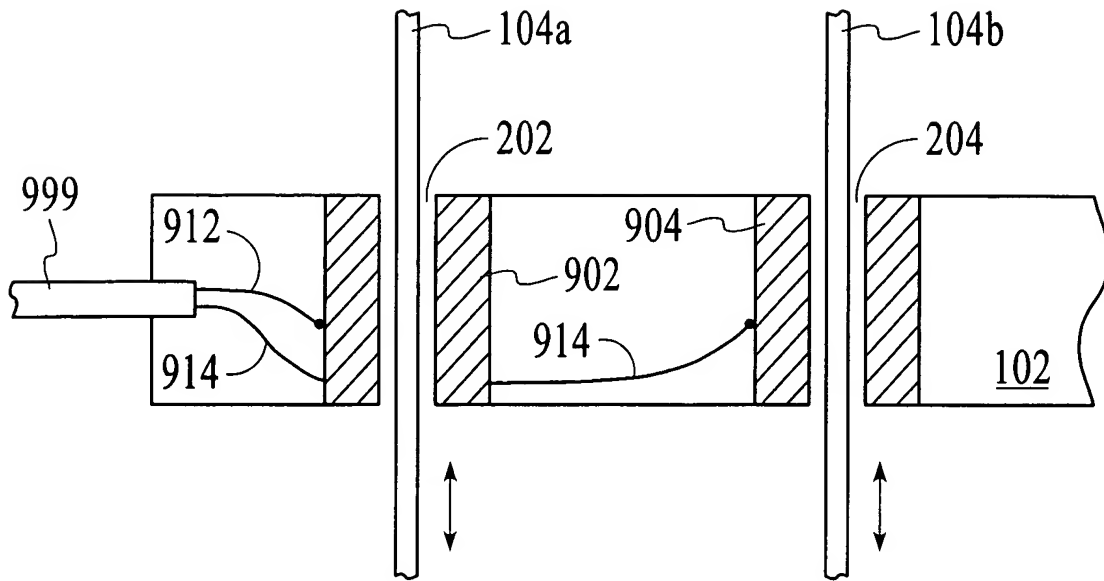


FIG. 10

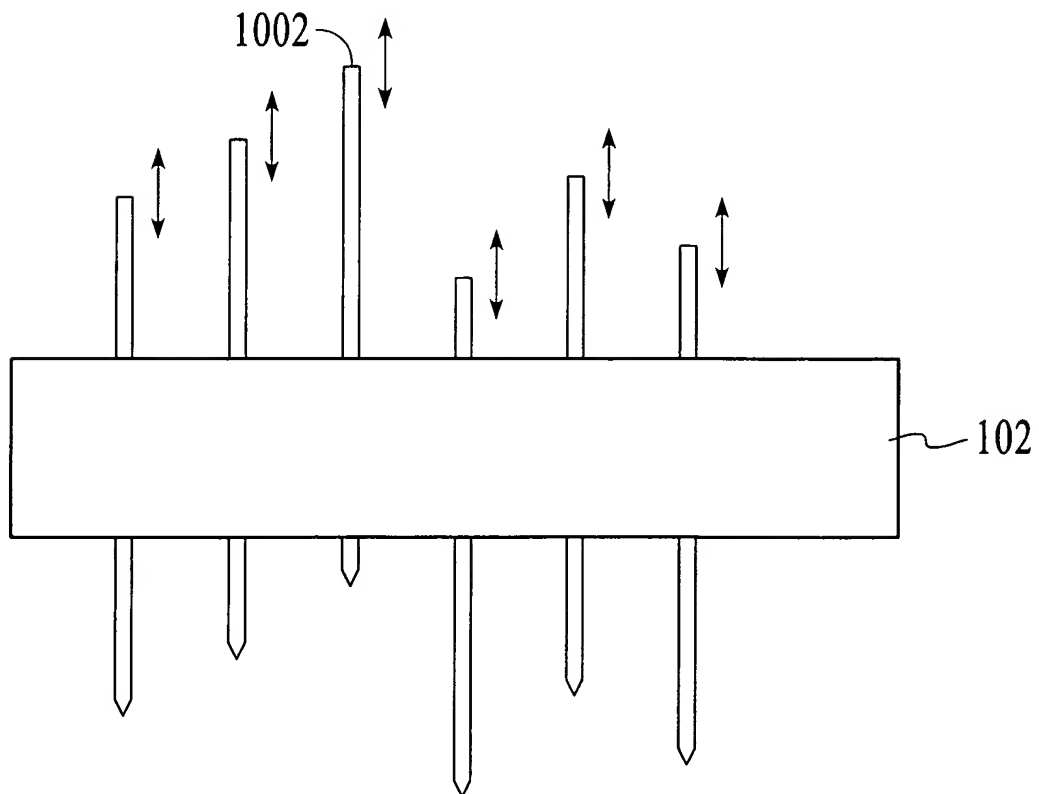


FIG. 11



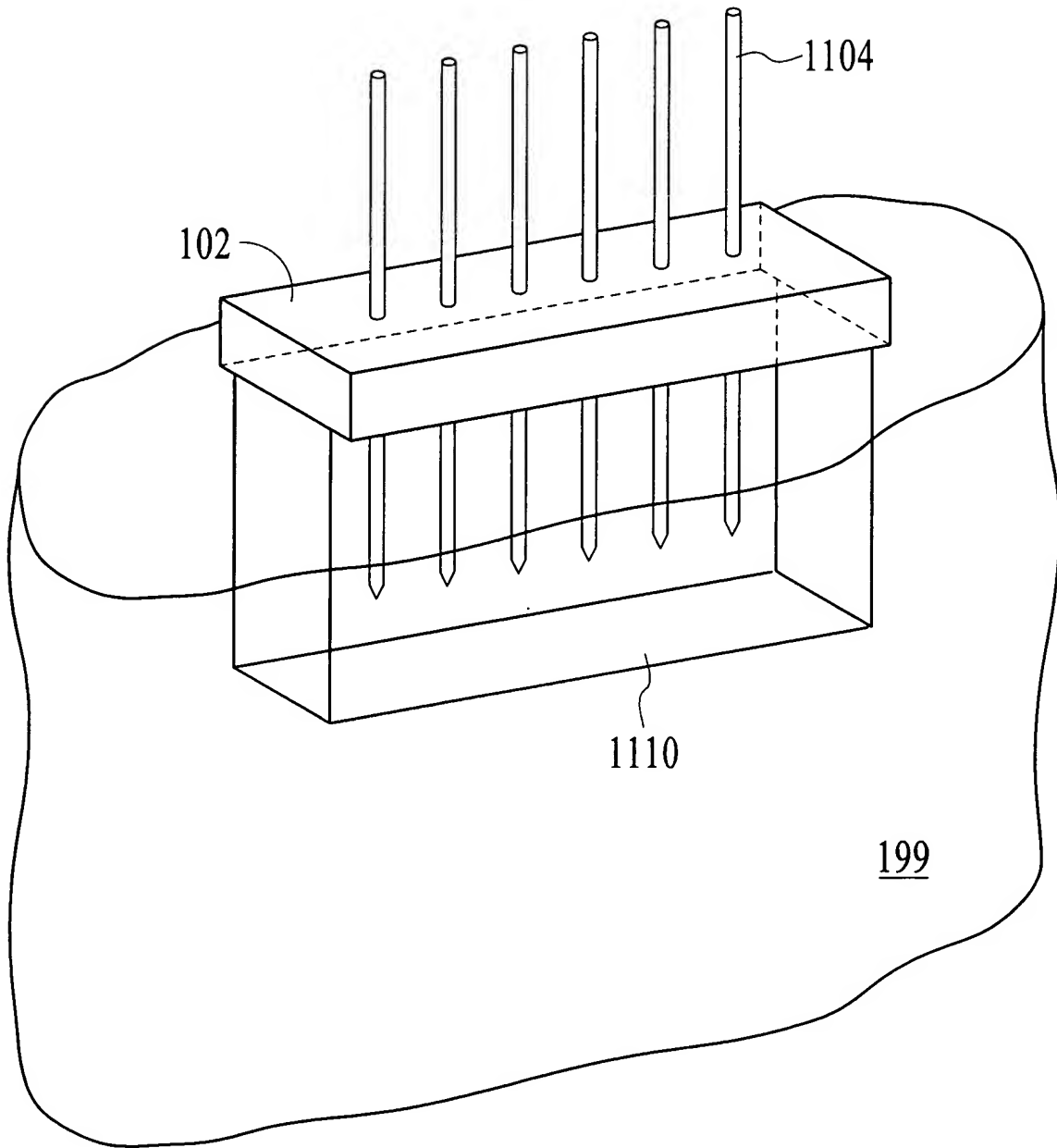


FIG.12

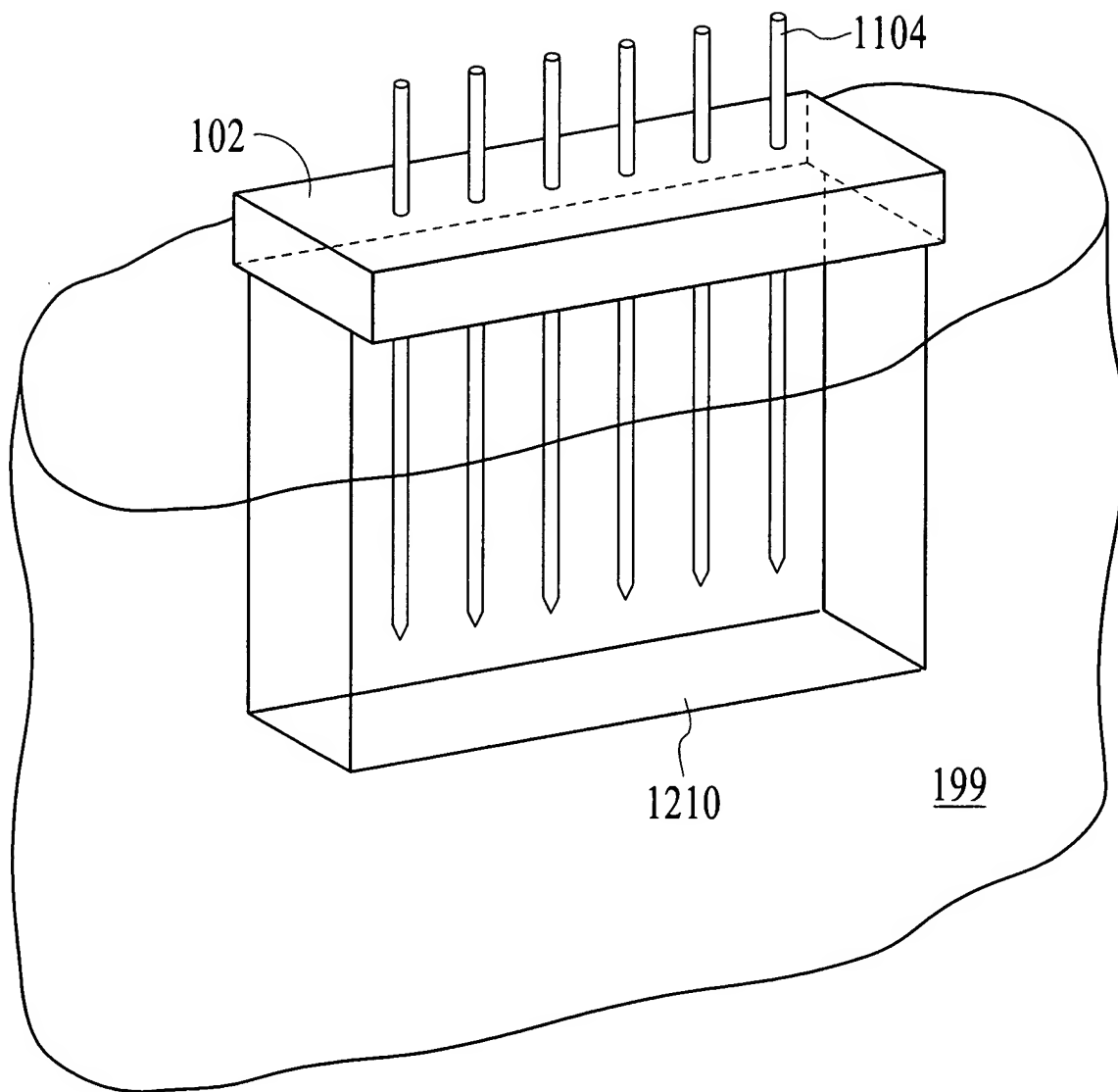


FIG.13

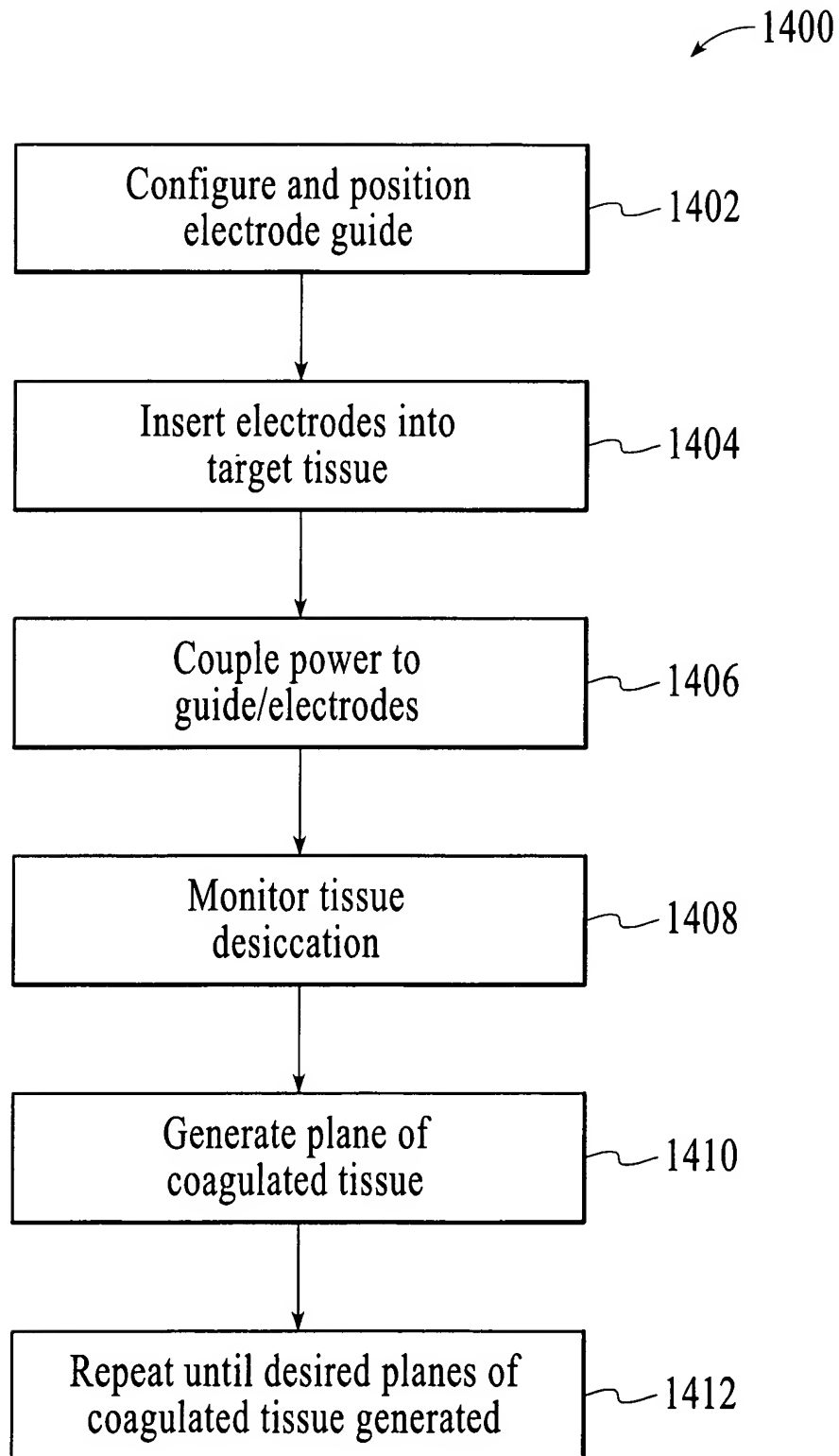


FIG.14

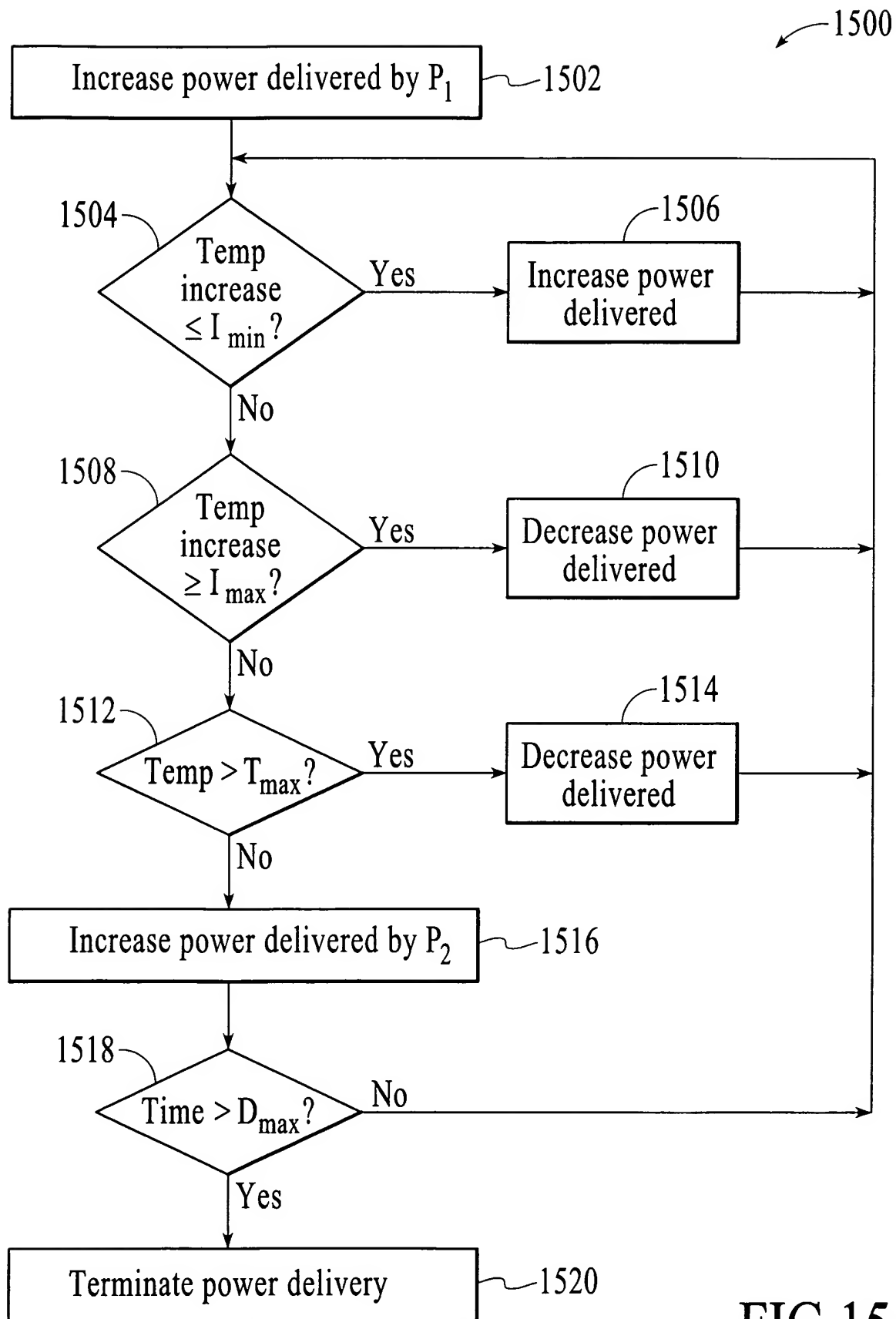


FIG.15

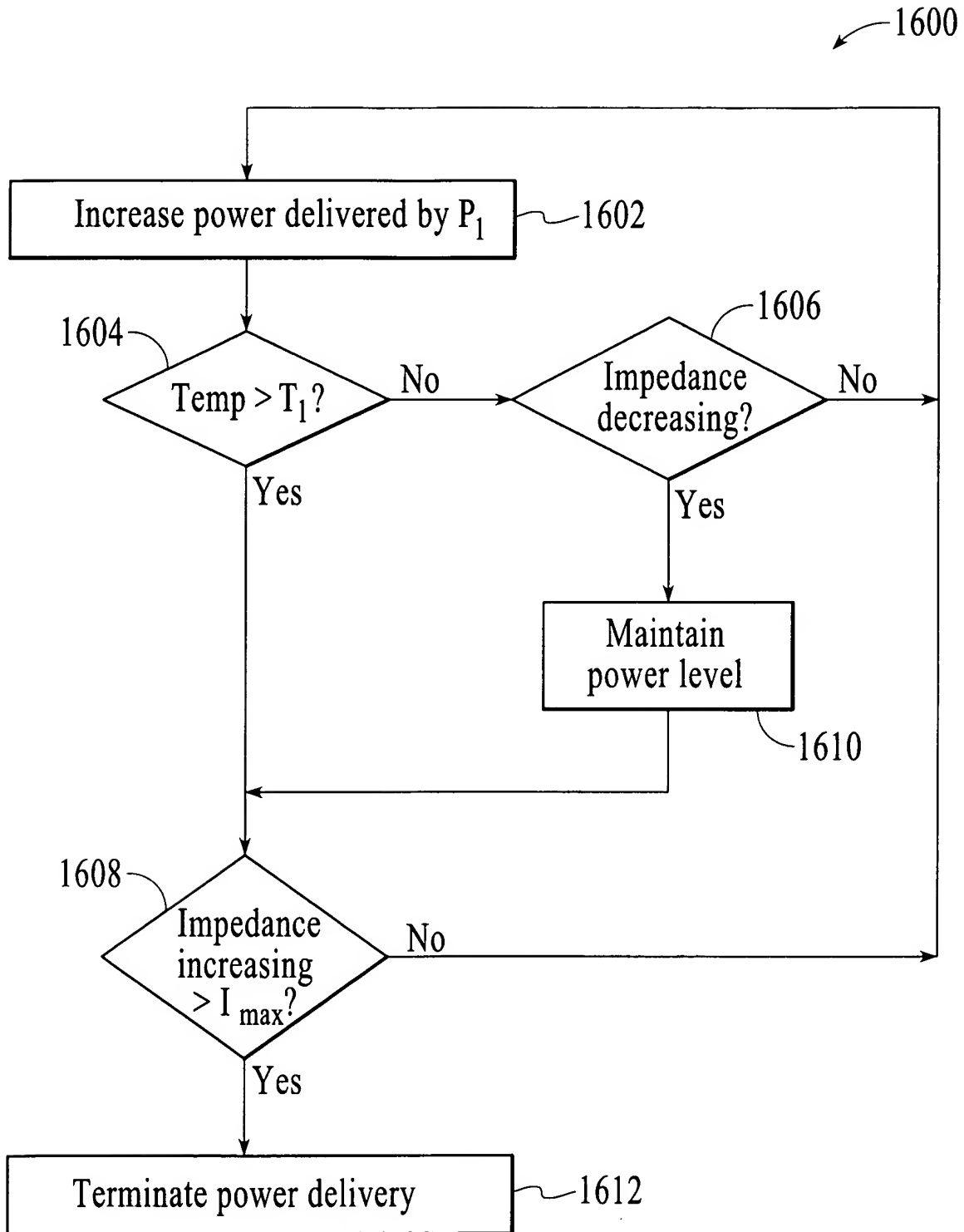


FIG.16

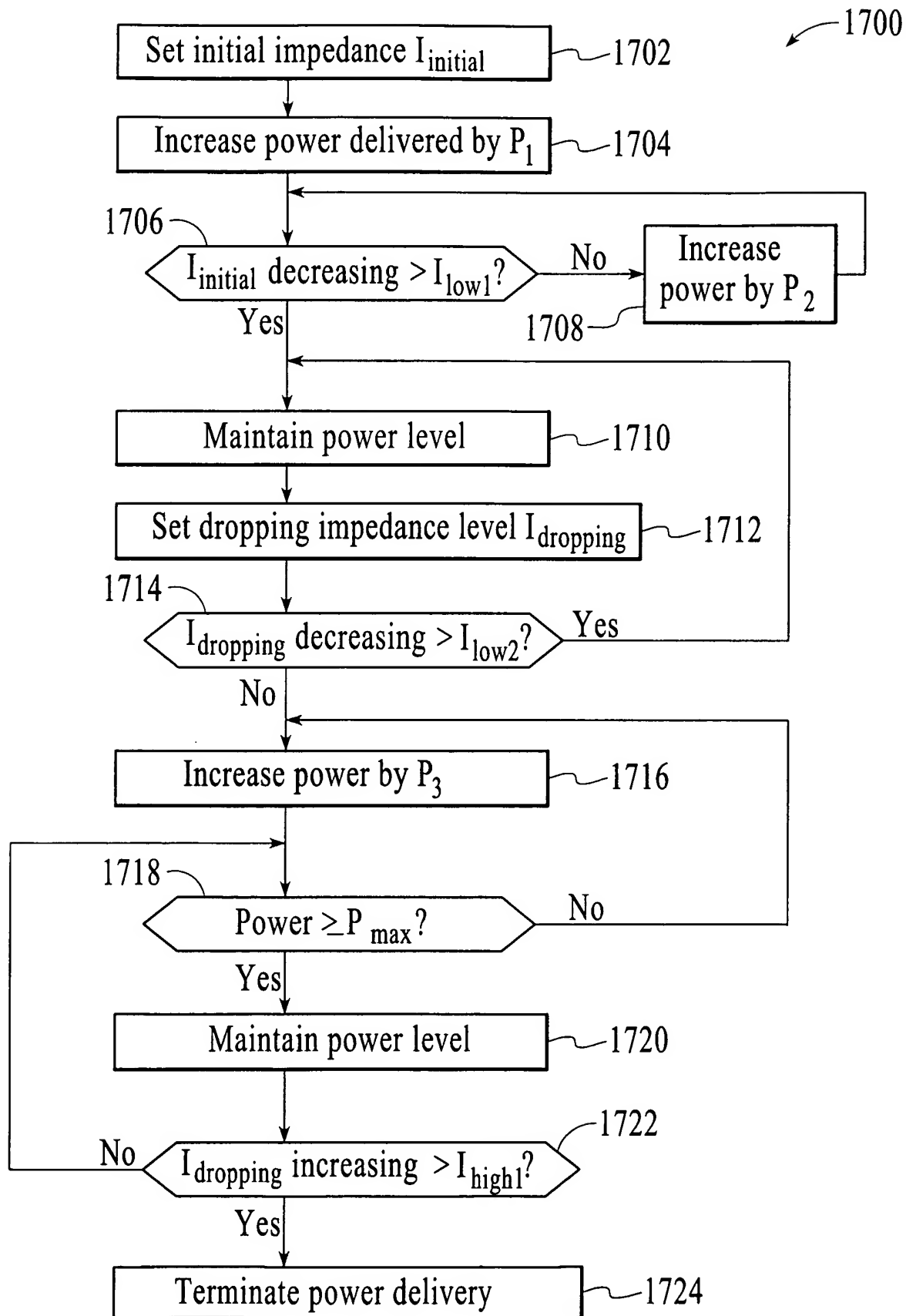
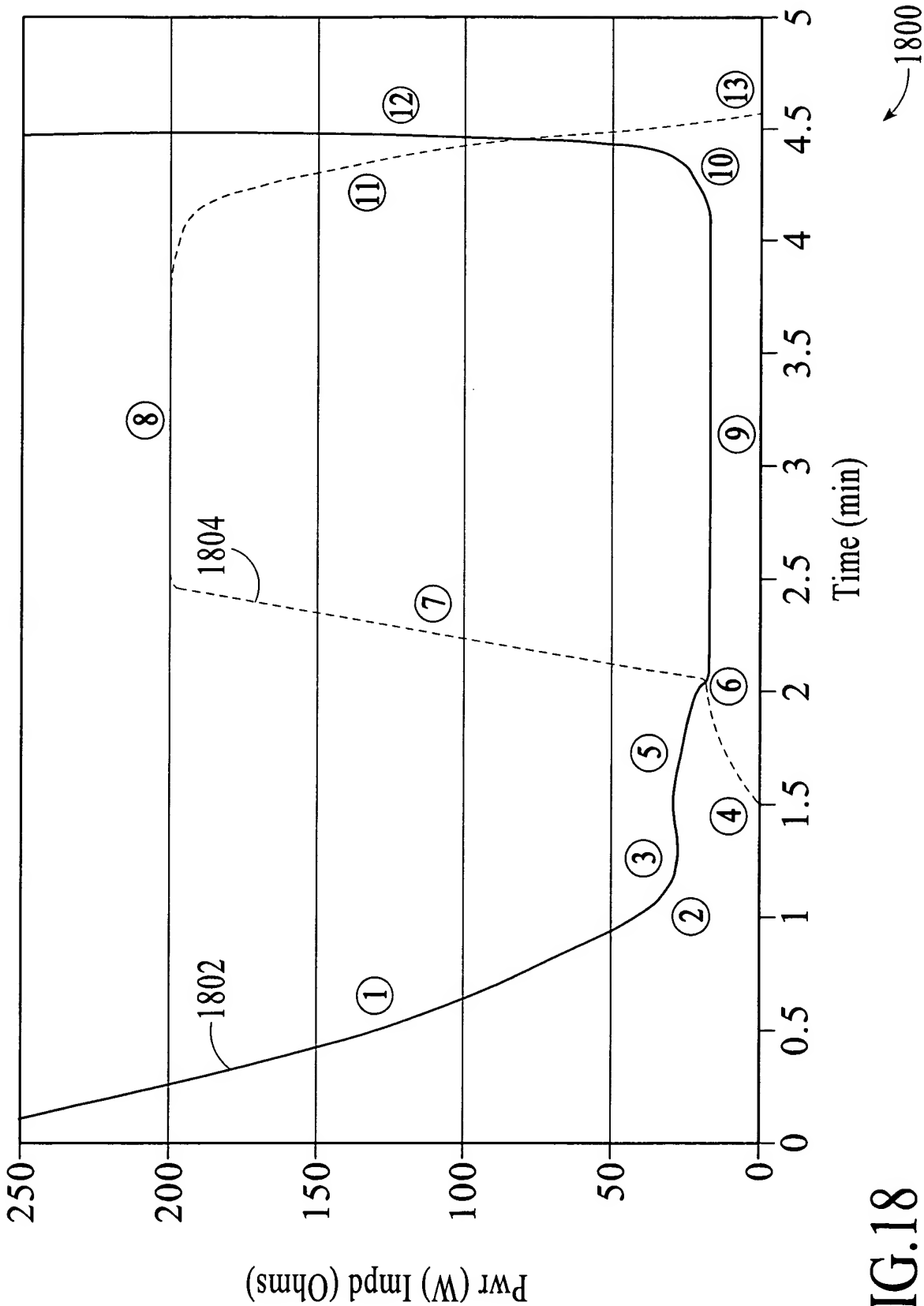


FIG.17



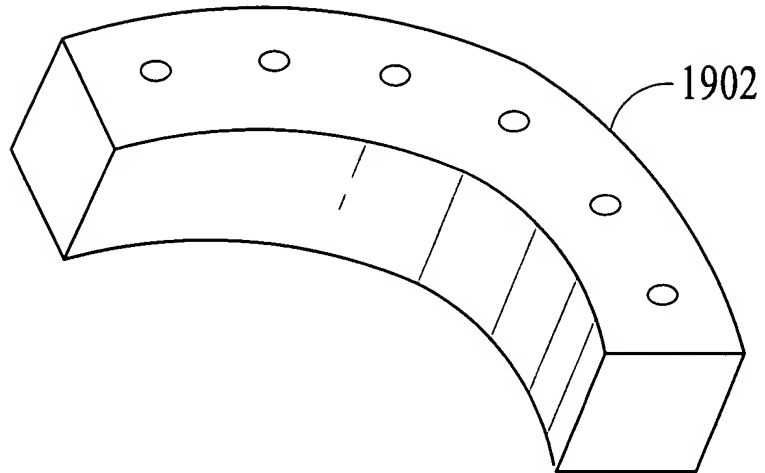


FIG. 19

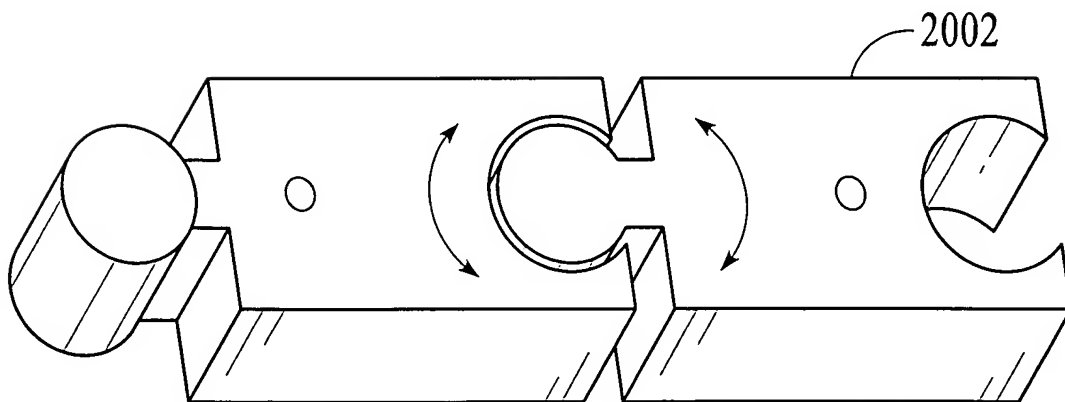


FIG. 20



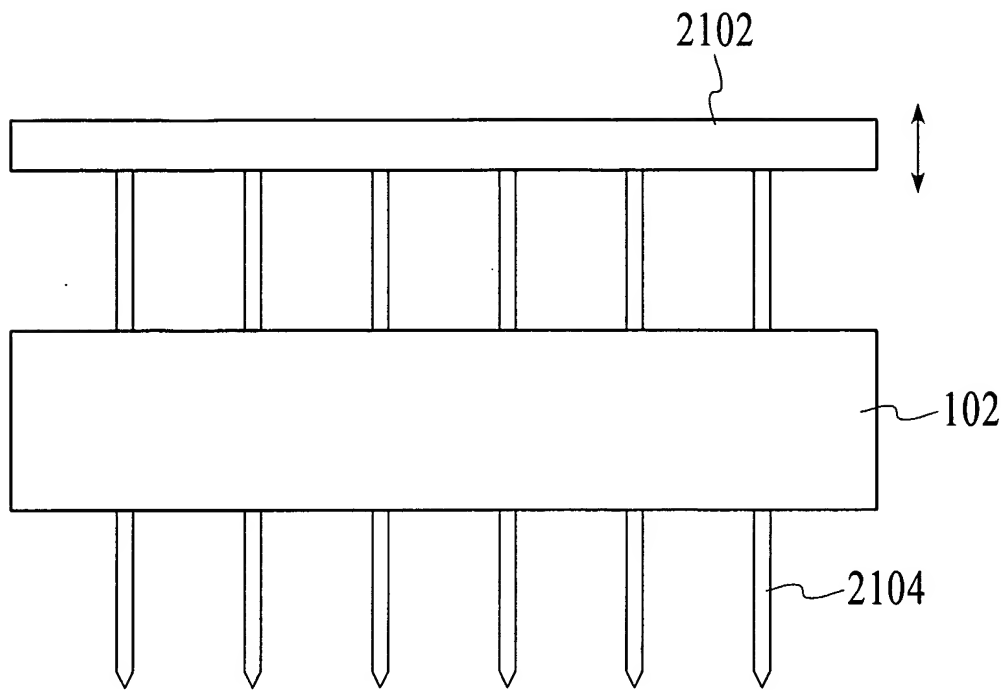


FIG. 21

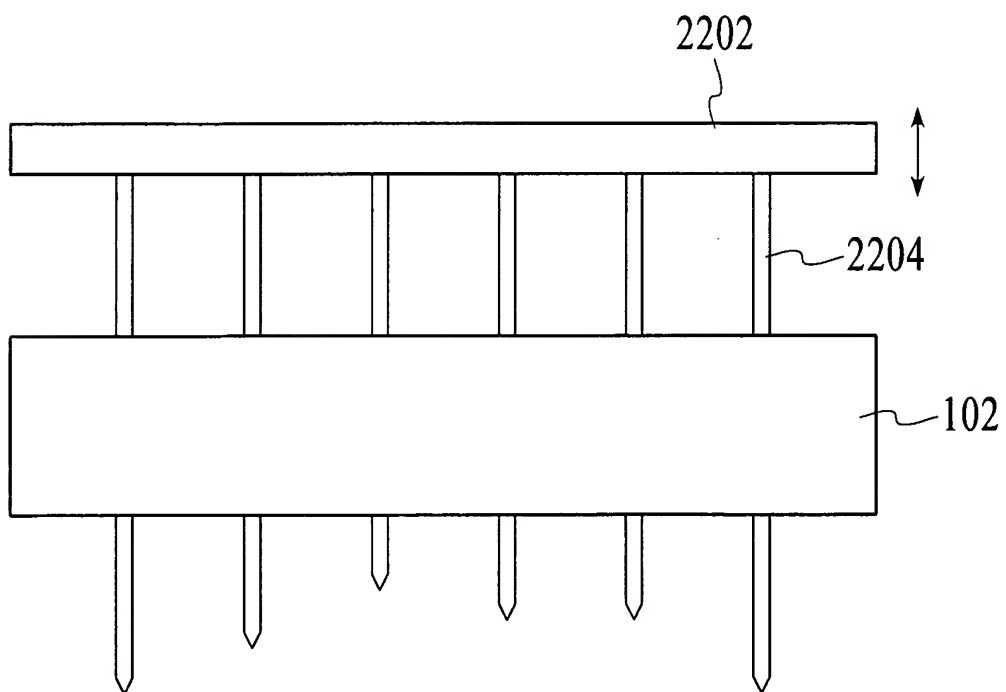


FIG. 22

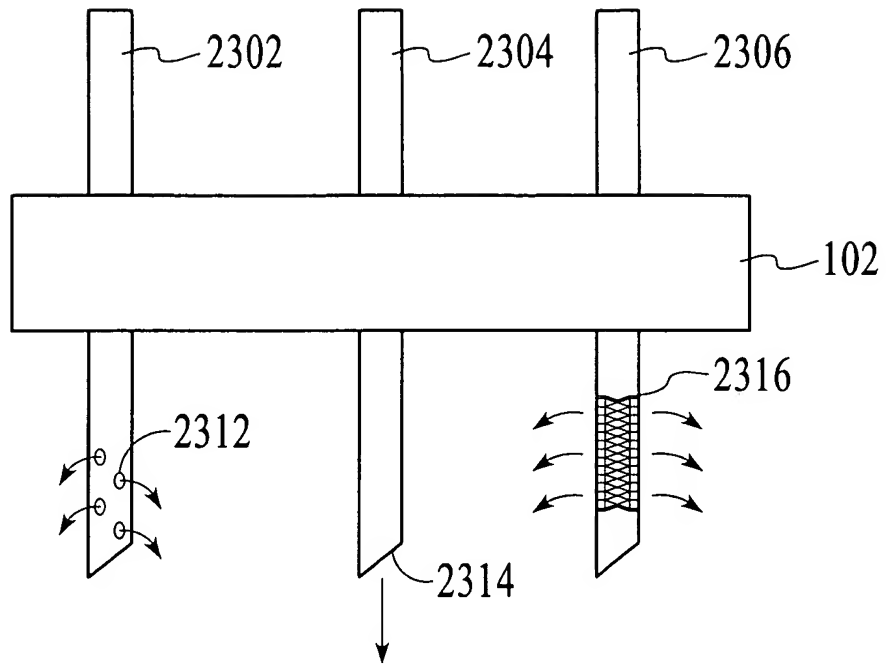


FIG. 23

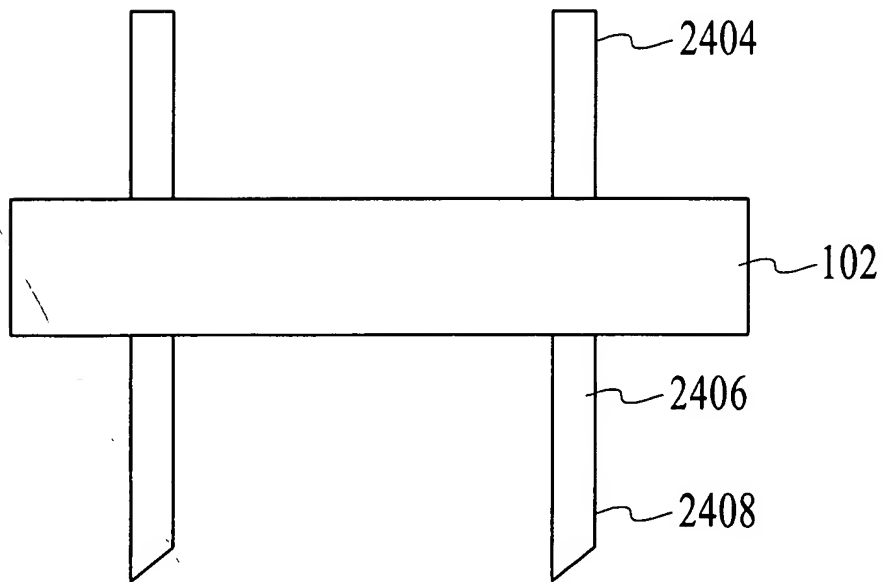


FIG. 24